

SCIENTIFIC AND INDUSTRIAL.

The electric lines in Chicago now extend over 503 miles. A metallic ribbon is the latest substitute for bicycle chains.

The only dyes impervious to the bleaching power of the sun's rays are Prussian blue and chrome yellow.

The meat of the herring gives the muscles elasticity, the body strength and the brain vigor, and it is not flesh-forming.

A mastodon skeleton unearthed in Baylor County, Texas, in August, 1904, had tusks attached to the skull which were ten feet long.

The problem of employing spirits for lighting on a new principle similar to the incandescent gas light is reported to have been successfully solved by a German.

A French medical authority asserts that death caused by a fall from a great height is absolutely painless. The mind acts very rapidly for a time; then unconsciousness ensues.

It is urged that photographs generally should be prepared to catch views of lightning in order that it may be studied photographically as effectively as astronomy is now done.

A new method for identifying handwriting is reported to have been discovered. It consists in enlarging the letters by photography and measuring the alteration due to beating of the pulse.

One of the most recent projects for rapid transit is the suspension of the cars, the motive power being electricity. The inventor claims that the enormous speed of 185 miles per hour may be attained.

The Cincinnati Enquirer has discovered that a drop of air at a temperature of minus 189 degrees will freeze a hole through a person's hand just as quickly as would the same quantity of molten steel or lead.

An expert says that in the nerves at the finger tips of blind persons well defined cells of gray matter, in all respects identical with the gray matter of the brains, are formed. They carry their brains in their hands.

Slag brick chimneys are being tried abroad. The weight is but half that of brick, and a special cement binds together the blocks composing the chimney so firmly as to require neither chain nor iron band for strengthening.

It has been pointed out that the hairs of some caterpillars, prevalent at this season of the year, may cause serious inflammation of the eye, and impairment of vision. They should be removed from the eye at once if introduced there.

Richmond Tobacco Market. Messrs. Frazier & Tompkins, tobacco commission merchants, make the following comments for the week.

Dark Tobacco Receipts and offerings have been rather light during the past week. The demand continues good for all fine shipping leaf, medium brown leaf, continues in special request; other grades very dull and hard to sell.

Impaired Health is Not Easily Regained. Yet Parker's Ginger Tonic has attained it in many cases. For every weakness and distress.

A GLIMPSE OF HEAVEN.

REV. DR. TALMAGE PORTRAYS THE Surpassing Splendors of the Christian's Heavenly Home.

"Eyes hath not seen nor ear heard," Corinthian II, 9. "I am going to heaven! I am going to heaven! Heaven! Heaven!" These were the last words uttered a few days ago by my precious wife as she ascended to be with her father and his heavenly father.

The city of Corinth has been called the Paris of antiquity. Indeed for splendor the world holds no such wonder-land. It stood on a lofty mountain, and from its summit sea-bringing the commerce of Europe, the other commerce of Asia. From her wharves, in the construction of which whole nations were employed, were carried away with three banks of oars pushed out and contended the navy yards of all the world.

The mirth of all people stored in her Latin letters, walked her porticoes and threw itself on the altar of her stupendous disquisitions. Column and statue and temple bewildered the beholder. There were white marble fountains to which, from apertures at the side, there rushed waters everywhere known for health giving qualities. Around these basins, fountains into which, from the fountain of life, there came life and architecture, while standing, as if to guard the costly display, was a statue of Hercules of Marathonian Corinthian blood.

Oh, it was not to rustles who had never seen anything grand that St. Paul uttered these words. He had heard the best music that had come from the best instruments in all the world. They had heard songs floating from morning porticoes and melting in evening groves. They had passed their whole lives away among pictures and sculpture and architecture and Corinthian brass, which had been molded and shaped, and there was no chariot wheel in which it did not glitter, and no gateway that it had not adorned.

Oh, it was a bold thing for Paul to stand there and say, "AR, this is nothing. These sounds that come from the temple of Neptune are not music compared with the harmony of which I speak. These are the sounds of the earth, of the elements, of the senses. These statues of Bacchus and Mercury are not exquisite. You, citizen of Aegina, are not strong compared with that which I speak of." He had heard the best music that had come from the best instruments in all the world.

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BILL ARP'S LETTER.

HE DISCUSSES WOMEN'S FASHIONS, PAST AND PRESENT. Would Compromise on Anything Except Hoop Skirts.

I don't believe that the most sensible woman in the world can be wholly indifferent to the fashion of her dress. It is a part of her life, and she will do her best to do it well. Woman seems to be built that way and I reckon she can't help it. The men have been fussing about it for ages, but they do as they please. Some say it is at the bottom of it, and that fashion is woman's way of setting sin and she will do it as she sees fit. I don't believe that the most sensible woman in the world can be wholly indifferent to the fashion of her dress.

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THE MARKETS.

NEW YORK COTTON FUTURES. Cotton firm, middling uplands 718-16; middling sea-island 8-14. Futures closed firm. Sales 178,400 bales.

CHICAGO GRAIN AND PRODUCE. WHEAT Sept. 61 1/2; Dec. 61 1/2. CORN Sept. 33 1/2; Dec. 33 1/2. OATS Sept. 23 1/2; Dec. 23 1/2.

BALTIMORE PRODUCE MARKET. Flour—Wheat, Western, superfine 2 1/2; do extra 2 1/4; do family 2 1/4.

WILMINGTON, N. C.—Raisin, strained, 1 1/2; do, unstrained, 1 1/4; do, seedling, 1 1/4.

NEW YORK—Raisin, strained, 1 1/2; do, unstrained, 1 1/4; do, seedling, 1 1/4.

COUNTRY PRODUCE. Country Butter—Champion Tennessee 18 1/2; do, No. 1, 18 1/2.

ALABAMA AND TENNESSEE LUMBER. Eastern Hardwood, Yellow Pine, 1 1/2; do, No. 1, 1 1/2.

APPLES GROW ON A PEAR TREE. A pear tree loaded with apples is a freak of nature that can be witnessed on the old Dunkinson farm, two miles north of Sailor Springs, Ill.

Royal Baking Powder. Highest of all in Leavening Power.—Latest U. S. Gov't Report. ABSOLUTELY PURE.

A Rileulous Custom. But there is nothing more amusing, perhaps, in all the quaint and curious "customs" of the House of Commons than the strange ceremony which marks the termination of its every sitting.

The performance originated at a time when it was necessary for members to go home in parties for common protection against the footpads who infested the streets of London. But, though that danger has long since passed away, the cry of "Who goes home?" is still heard night after night, receiving no reply, and expecting none.—Chambers's Journal.

Lemons of California. Commissioner Gunnis estimates that 350,000 dozen of the 400,000 lemon trees in San Diego County will be four years or over next year. They should then average, at a low estimate, two boxes of lemons to the tree, or a total of 600,000 boxes. At 300 boxes to the carload this will make 2000 carloads.—San Francisco Chronicle.

In Our Great Grandfather's Time. big bulky pills were in general use. Like the "blunderbuss" of that decade they were big and clumsy, but effective. In this century of enlightenment we have Dr. Pierce's "Pleasant Pills," which cure all liver, stomach and bowels ailments in the most effective way.

How weak the soap and water seems when you begin your washing! You don't get any strength out of it till the work is about done. Plenty of hard work and rubbing and wear and tear, even then—but more of it at the beginning; when the water is weakest.

Millions use Pearlina. An elegant book for your table and constant reference. Send for it NOW. It's New and Nice.

Fertilizers for Fall Crops should contain a high percentage of Potash to insure the largest yield and a permanent enrichment of the soil.

Yes, it's ready! OUR NEW CATALOGUE brimming full of illustrations, and showing how the thousand-and-one things really look. You'll like that.

ONE ENJOYS Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation.

WINE OF CARDU TREATMENT OF FEMALE DISEASES. Any afflicted woman can adopt this simple "Home Treatment" without submitting to any humiliating examination or consulting a doctor.

AFFECTING THE POPULATION AT THE STATE PRISON.

The introduction of the chain gang system into this State is greatly affecting the population of the State penitentiary. Though only some counties yet have the gangs, and those few had them only a short time, the population of the State prison has already been reduced by more than one hundred. The penitentiary now has within its walls, on the farms and elsewhere, a total of 1,100 convicts. The judges are now sentencing all the short term convicts to service on the chain gangs, and the deceptions of prisoners at the prison has fallen off greatly, while the discharges continue the same as heretofore.

Scalper Tickets are Legal. The Supreme Court of Georgia handed down a decision declaring scalped tickets legal. A year ago a man named Loevey bought a ticket from Atlanta to Washington over the Richmond and Potomac route and he sold it at a profit of \$100.

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